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<input type="checkbox"/>	<u>5157610</u>	October 1992	Asano et al.	340/438
<input type="checkbox"/>	<u>5442553</u>	August 1995	Parrillo	701/33
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<input type="checkbox"/>	<u>5463567</u>	October 1995	Boen et al.	701/33
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<input type="checkbox"/>	<u>5732074</u>	March 1998	Spaur et al.	370/313
<input type="checkbox"/>	<u>5737215</u>	April 1998	Schricker et al.	700/29
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<input type="checkbox"/>	<u>5758300</u>	May 1998	Abe	701/33
<input type="checkbox"/>	<u>5797134</u>	August 1998	McMillan et al.	705/400
<input type="checkbox"/>	<u>6064970</u>	May 2000	McMillan et al.	705/4
<input type="checkbox"/>	<u>6295492</u>	September 2001	Lang et al.	701/33
<input type="checkbox"/>	<u>6338152</u>	January 2002	Fera et al.	709/207

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
WO 00/79727	December 2000	WO	

ART-UNIT: 3663

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ABSTRACT:

The invention provides a system for monitoring a vehicle that includes a wireless appliance in electrical contact with an in-vehicle computer. The wireless appliance features: 1) a data-collection component that supports communication software that collects diagnostic data from the computer; and 2) a data-transmission component, in electrical communication with the data-collection electronics, configured to transmit an outgoing data packet comprising the diagnostic data over a network and receive over the same network an incoming data packet that modifies the communication software. The wireless appliance communicates with a host computer system that is configured to: 1) receive the outgoing data packet from the network; 2) process the outgoing data packet to generate a set of vehicle diagnostic data; 3) host a web site on the Internet that displays the vehicle diagnostic data; and 4) send out the incoming data packet over the same network to modify the communication software.

33 Claims, 12 Drawing figures

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File: USPT

Aug 26, 2003

US-PAT-NO: 6611740

DOCUMENT-IDENTIFIER: US 6611740 B2

TITLE: Internet-based vehicle-diagnostic system

DATE-ISSUED: August 26, 2003

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APPL-NO: 09/ 808690 [PALM]

DATE FILED: March 14, 2001

INT-CL: [07] G01 M 17/00, G06 F 7/00, G06 F 17/00, G06 F 19/00

US-CL-ISSUED: 701/29; 709/200, 709/260, 702/182, 702/183, 707/1, 707/102, 379/1.01, 379/219

US-CL-CURRENT: 701/29; 379/1.01, 379/219, 702/182, 702/183, 707/1, 707/102, 709/200, 709/240

FIELD-OF-SEARCH: 701/35, 701/29, 701/115, 701/33, 701/32, 701/102, 701/114, 709/200, 709/207, 709/240, 340/439, 340/438, 340/459, 700/29, 123/436, 702/187, 702/184, 702/185, 702/183, 702/182, 707/203, 707/1, 707/100, 707/102, 379/1.01, 379/219, 370/313, 370/401, 370/328, 455/457, 455/404, 455/563

PRIOR-ART-DISCLOSED:

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US-CL

4258421

March 1981

Juhasz et al.

340/870.16